TATER SUPPL 2014 JUN 20 AN11: 48

MISSISSIPPI STATE DEPARTMENT OF HEALTH BUREAU OF PUBLIC WATER SUPPLY CCR CERTIFICATION CALENDAR YEAR 2013 KIRLING WATER ASSOCIATION

Public Water Supply Name
List PWS ID #s for all Community Water Systems included in this CCR
The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public wat system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. You must mail, fax of the consumer of the CCR and Certification to MSDH. Please check all boxes that apply.
Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
Advertisement in local paper (attach copy of advertisement) On water bills (attach copy of bill) Email message (MUST Email the message to the address below) Other
Date(s) customers were informed: 6 //9 / / / / / / / / /
CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct deliver methods used
Date Mailed/Distributed://
CCR was distributed by Email (MUST Email MSDH a copy) As a URL (Provide URL As an attachment As text within the body of the email message
CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
Name of Newspaper: KEMPER COUNTY MESSENGER
Date Published: 4 /19 / 14
CCR was posted in public places. (Attach list of locations) LAST MS ELECTRIC POWER HISN DEKALD OFFICE CCR was posted on a publicly accessible internet site at the following address (DIRECT URL REQUIRED):
CERTIFICATION I hereby certify that the 2013 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.
Name Title (President, Mayor, Owner, etc.)
Deliver or send via U.S. Postal Service: Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215 May be faxed to: (601)576-7800 May be emailed to:

May be emailed to: <u>Melanie. Yanklowski@msdh.state.ms.us</u>

2013 ANNUAL DRINKING WATER QUALITY REPORT KIPLING WATER ASSOCIATION SYSTEMS # 1, 3 & 4

2014 JUN 20 AM 11: 48

This report is a snapshot of last year's water quality. Included are details of where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. As you can see by the table, our systems had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. Though some contaminants were detected the EPA has determined that your water is safe at these levels.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Our water source for System #1 consists of four wells pumping groundwater from the Lower Wilcox Aquifer. Our source water assessment has been completed and is now available. This assessment details the systems' susceptibility to potential sources of contamination. A moderate to low susceptibility was found for System #1. A low susceptibility was found for Systems #3 and #4. We buy water from the Town of DeKalb for System #3 and the DeKalb Town Hall has a copy of their source water assessment. We buy water from Northwest Kemper for System #4 and their source water assessment is available upon request.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (1-800-426-4791).

Our board meets on the 4th Tuesday of every month at 6 p.m. at the EMEPA building in DeKalb, MS. We encourage all customers who have any concerns or questions to meet with us. Our annual membership meeting will be held August 12 at 7 p.m. in the courtroom of the Kemper County Courthouse.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Kipling Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Lab offers lead testing for \$10 per sample. Please contact 1-601-576-7582 if you wish to have your water tested.

WATER QUALITY DATA TABLE

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data from this table is from testing done in the calendar year of the report. The EPA and/or the State requires us to monitor for certain contaminants less than once a year because the concentrations of the contaminants do not change frequently.

In this table you will find many terms and abbreviations you may not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level (AL) – The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level – The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal – The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Contaminant	Violation Yes/No	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/AL	Unit Measure	MCLO	G MCL	Typical Source
PWS ID# 35	0002 Sy	stem #1 T	reatment	Plant #1				
INORGANI	C CONT	'AMINA	NTS					
Barium	No	2012	0.04355	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Copper	No	2011	0.6	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits
Lead	No	2011	2	None	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate (as Nitrogen)	No	2013	0.23	None	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

DICINITE	TANTS	& DICIN	FECTION I	BY-PRODU	CTS			
Chlorine	No	Jan-Dec		.80 - 1.30	ppm	4	4	Water additive to control microbes
(as C12)	110	5441 2504		100 1100	PP			
TTHM	No	2012	3.34	None	ppb	0	80	By-product of drinking water chlorination
HAA5	No	2012	2.0	None	ppb	0	60	By-product of drinking water chlorination
System #1	Treatme	ent Plant #	1 2					
INORGAN								
Barium	No	2013	0.0583	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Nitrate	No	2013	0.14	None	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
DISINFEC	CTANTS	& DISIN	FECTION I	BY-PRODU	CT			
TTHM	No	2012	5.7	None	ppb	0	80	By-product of drinking water chlorination
PWS ID# : INORGAN	VIC CON	TAMINA	NTS					
INORGAN Barium	NIC CON No	2012	0.08162	None	ppm	2	2	Discharge of drilling waste; discharge from metal
Darium	110	2012	0.00102	110110	PP···	-	_	refineries; erosion of natural deposits
Fluoride*	No	Jan-Dec	0.989	None	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer & aluminum factories
				BY-PRODU				
There is co	nvincing	evidence t	hat addition	of a disinfect	ant is nece	ssary for	r control	of microbial contaminants.
Chlorine (as C12)	No	Jan-Dec	0.80	.40-1.30	ppm	4	4	Water additive to control microbes
TTHM	No	2011	4.92	None	ppb	0	80	By-product of drinking water chlorination
								applies", TOWN OF DEKALB is required to report
certain resu	ılts pertai	ining to flu	ioridation of	our water sy	stem. The	e numbe	r of mor	nths in the previous calendar year in which averag
								e percentage of fluoride samples collected in th
previous ca	ılendar ye	ar that wa	s within the	optimal range	of 0.7-1.3	8 was 10	0%.	

PWS ID# 350026	System #4-Gholson
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INORGA	NIC CO	NTAMINA	NTS					
Nitrate (as Nitroge	No n)	2013	0.81	None	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
DISINFE	CTANTS	& DISINF	ECTANT	BY-PRODU	CTS			
The is a	myincing	evidence th	at addition	of a disinfect	ant is nece	ecory fo	r contro	l of miorobial contominants
I nere is co	MARIOTIE	CVIGCHEC III	at addition	or a distilled	tuit is need	ossury re	Condo	l of microbial contaminants.

If you have any questions about this report or concerning your water utility, please contact our senior certified water operator, W. H. Dixon, Jr. at 1-601-743-5800. Copies of this report will not be mailed out individually, but are available at the DeKalb EMEPA office. Further information, including the State Auditor's Report, is available upon request.

2013 ANNUAL DRINKING WATER QUALITY REPORT KIPLING WATER ASSOCIATION SYSTEMS #1, 3 & 4

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including he State Auditor's Report, is available upon request.

Annual Drinking Water Quality Report Town of Dekalb PWS ID # 0350001

June, 2014

We're pleased to present to you this year's Annual Water Quality Report. This report signed to inform you about the quality water and services we deliver to you every day constant goal is to provide you with a safe and dependable supply of drinking water want you to understand the efforts we make to continually improve the water treatment cess and protect our water resources. We are committed to ensuring the quality of you ter. Our water source consists of two wells that draw from the Wilcox Aquifer.

A source water assessment has been completed for the water supply to determine the or

susceptibility of its drinking water to identify potential sources of contamination. The v supply for the Town of Dekalb received a low susceptibility ranking to contamination. We're pleased to report that our drinking water meets all federal and state requirements If you have any questions about this report or concerning your water utility, please co Billy S Binegar at 601-743-2870. We want our valued customers to be informed about water utility. If you want to learn more, please attend any of our regularly scheduled i ings. They are held on the first Tuesday of each month at Dekalb Police Station I Room at 6:00 p.m.

The Town of Dekalb routinely monitors for constituents in your drinking water accordi Federal and State laws. This table shows the results of our monitoring for the period of uary 1st to December 31, 2013. As water travels over the land or underground, it can up substances or conteminants such as microbes, inorganic and organic chemicals, and oactive substances. All drinking water, including bottled drinking water, may be reason expected to contain at least small amounts of some constinents. It's important to reme that the presence of these constituents does not necessarily pose a health risk.

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Castings. nint	Viola- tion Y/N	Date Collected	Level Detect- ±d	Range of De- tects or # of Samples Exceeding MCL/ACL	Meanire ment	MO CO	L L	Lakely Source of Conta tion
Inorga	nic C	ontamin	ants	32			*	797
10 Barı- um	N	2012*	0 081 62	No Range	Ppm	2	2	Discharge of drilling wartes; discharge fro metal refinence, eros of natural deposits
16 Fluo- ride	N	2012*	0,989	No Range	ppm	4	•	Erosion of natural de its, water additive with promotes strong teeth discharge from fertile and aluminum factor
19 Dead	N	1/1/09 to 12/31/11	14.5	None	рръ	119	All ets	Corresion of househo plainbing systems, er sion of natural depos
Disinfe	ctants	& Disin	fectant	By-Produ	cts	•	-	
Chlorine (se Cl2)	И	1/1/13 to 12/31/13	1 10	0,50 to 1,50	ppm	4	*	Water additive used t control microbes

Most recent sample results available

To comply with the "Regulation Governing Fluoridation of Community Water Supp TOWN OF DEKALB is required to report certain results pertaining to fluoridation o water system. The number of months in the previous calendar year in which average ride sample results were within the optimal ringe of 0.7-1.3 ppm was 11. The percenta fluoride samples collected in the previous calendar year that was within the optimal ran 0.7-1.3 ppm was 109%.

6.7-13 ppin was 1077s.
Additional Information for Lead
If present, elevated levels of lead can cause serious health problems, especially for prey women and young children. Lead in drinking water is primarily from materials and conents associated with service lines and hone plumbing. The Town of Dekalb is respon for providing high quality drinking water, but cannot centred the variety of materials us plumbing components. When your water has been sitting for several hours, you can mize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes b using water for drinking or cooking. If you are concerned about lead in your water, you wish to have your water tested. Information on lead in drinking water, testing methods

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All sources of drinking water are subject to potential contamination by substances the naturally occurring or man made. These substances can be microbes, inorganic or or chemicals and radioactive substances. All drinking water, including bottled water, may sonably be expected to contain at least small amounts of some contaminants. The pree of contaminants does not necessarily indicate that the water poses a health risk. More i mation about contaminants and potential health effects can be obtained by calling the 1 ronmental Protection Agency's Safe Drinking Water Holline at 1-800-426-4791. Some people may be more vulnerable to contaminants in drinking water than the ge population. Immuno-compromised persons such as persons with cancer undergoing childrengy, persons who have undergone organ transplants, people with HIV/AIDS or immune system disorders, some elderly, and inflants can be particularly at risk from a tions. These people should seek advice about drinking water from their health care prees. Pla/CDC guidelines on appropriate means to lessen the risk of infection by crypto idium and other microbiological contaminants are available from the Safe Drinking W Holline (800-426-4791).

this report being published in the paper will not be mailed. Please call our office i would like a copy or have any questions.